

	Query Match	4.5%	Score 52;	DB 7;	Length 694;
	Best Local Similarity	51.8%;	Pred. No. 0.012;		
	Matches 118;	Conservative 0;	Mismatches 110;	Indels 0	
Qy	697	ATAGATCTCTTGGTTTAACTTTCATACAAATTTTGCGCTGATCTGCCAAA			
Db	246	ATTACCTCGTTAAATTTTAAAGATATATCAATTTCTGATGGCCGCTACTTAA			
Qy	757	TCATATCGGCATATACGTGAACACGTGGATCTAATTTGGTGTGTAATG			
Db	306	TTTCCACGCTACTAATTTTATATGAAAGTCAATTACTCCATTTTATACAACAA			
Qy	817	AGATTCTAATTCCTCGGTTTAAAAGGAAATTAATGATCATGTGTTAAACAT			
Db	366	TGCTTATACCCACTCTTTAAAAAGGAAATTAAGATATCGGAAATTTTATTAAT			
Qy	877	ACATGATTTAAATGATATAATTTAGTGTGATGATAACGTAAACAA 92.4			
Db	426	AGAAATGAATCAAAAGTGAATCAAAATCAAGTTGTGTGTCATCTAA 47.3			

```
RESULT 2
US-10-793-626-3860
; Sequence 3860, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMBERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PUS480US
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 3860
; LENGTH: 3028
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-793-626-3860
Query Match          4.5%; Score 52; DB 7; Length 3028;
Best Local Similarity 51.8%; Pred. No. 0.017;
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy      697  ATAACTCTTTTGTGTTTATCTTCAATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756
Db      2580  ATTACCTCTGTTTATTTAAGATATATCAATTTCTAGATGGCGCTACCTACTTTTGA 2639

Qy      757  TCATATGCCCAATATACGGAACCTGGATCTATTTGTGTGTTAATTGTTAAATT 816
Db      2640  TTTCACGCTACTATTTTATGAAGATCAATTAATCTCCATTTTACAAACAATTAATAT 2699

Qy      817  AGATTCATTTCTCCGTTTAAAGTAAATTATATGATATCAATGTTAAACATTTGAAGTA 876
Db      2700  TGCCTTATCCCACTCTTTAAAGATGAATATAGTATCTCGAATTTTAAATTTGATTTAA 2759

Qy      877  AGATGATATATAAATGATTAATTTAGTTGATGATACGTTGAACGAAA 924
Db      2760  AGAATGATCAAAAAGATGATCAAAAATCAAGTTGTGTGCATCAAAA 2807

RESULT 3
US-10-793-626-4227
; Sequence 4227, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMBERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PUS480US
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 4227
; LENGTH: 3032
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-793-626-4227
Query Match          4.5%; Score 52; DB 7; Length 3032;
Best Local Similarity 51.8%; Pred. No. 0.017;
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy      697  ATAACTCTTTTGTGTTTATCTTCAATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756
Db      2749  TTTCACGCTACTATTTTATGAAGATCAATTAATCTCCATTTTACAAACAATTAATAT 2808

Qy      817  AGATTCATTTCTCCGTTTAAAGTAAATTATATGATATCAATGTTAAACATTTGAAGTA 876
Db      2809  TGCCTTATCCCACTCTTTAAAGATGAATATAGTATCTCGAATTTTAAATTTGATTTAA 2868

Qy      877  AGATGATATATAAATGATTAATTTAGTTGATGATACGTTGAACGAAA 924
Db      2869  AGAATGATCAAAAAGATGATCAAAAATCAAGTTGTGTGCATCAAAA 2916
```

```
RESULT 4
US-10-793-626-759
; Sequence 759, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMBERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PUS480US
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 759
; LENGTH: 6968
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-793-626-759
Query Match          4.5%; Score 52; DB 7; Length 6968;
Best Local Similarity 51.8%; Pred. No. 0.021;
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

Qy      697  ATAACTCTTTTGTGTTTATCTTCAATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756
Db      246  ATTACCTCTGTTTATTTAAGATATATCAATTTCTAGATGGCGCTACCTACTTTTGA 305

Qy      757  TCATATGCCCAATATACGGAACCTGGATCTATTTGTGTGTTAATTGTTAAATT 816
Db      306  TTTCACGCTACTATTTTATGAAGATCAATTAATCTCCATTTTACAAACAATTAATAT 365

Qy      817  AGATTCATTTCTCCGTTTAAAGTAAATTATATGATATCAATGTTAAACATTTGAAGTA 876
Db      366  TGCCTTATCCCACTCTTTAAAGATGAATATAGTATCTCGAATTTTAAATTTGATTTAA 425

Qy      877  AGATGATATATAAATGATTAATTTAGTTGATGATACGTTGAACGAAA 924
Db      426  AGAATGATCAAAAAGATGATCAAAAATCAAGTTGTGTGCATCAAAA 473

RESULT 5
US-11-112-908-45
; Sequence 45, Application US/11112908
; Publication No. US20050260659A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Lisa M.
; TITLE OF INVENTION: Breast Cancer Biomarkers
; FILE REFERENCE: 04-164-US
; CURRENT FILING DATE: 2005-04-22
; PRIOR APPLICATION NUMBER: US 60/564,758
; PRIOR FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/575,978
```



Db 241 TCTTCACTAAATTTTGGAAAGGATCGATCAATACCAACCCATTACAAAATATCATAA 300  
Qy 301 TCAAAATGGCGAATCGTACTGGAAAATTGCTTCAAGTCGCGAGAGAGAGAAAAGGA 360  
Db 301 TCAAAATGGCGAATCGTACTGGAAAATTGCTTCAAGTCGCGAGAGAGAGAAAAGGA 360  
Qy 361 AGATCGTGGAGAGAGGTTTAAAGGTTTAAAGCTCAGACTTCTAATGGAGTAAATGGAGC 420  
Db 361 AGATCGTGGAGAGAGGTTTAAAGGTTTAAAGCTCAGACTTCTAATGGAGTAAATGGAGC 420  
Qy 421 GTGTCACTATTTCCGTTTGGAAATGAACTTTGGGCTCAGCTTATGGCTTATAGATAT 480  
Db 421 GTGTCACTATTTCCGTTTGGAAATGAACTTTGGGCTCAGCTTATGGCTTATAGATAT 480  
Qy 481 TGAATGGGCTTTCTAGTAAATACAAATATAGTATTTGGGCTTAAAGTTAAAGCCCATGT 540  
Db 481 TGAATGGGCTTTCTAGTAAATACAAATATAGTATTTGGGCTTAAAGTTAAAGCCCATGT 540  
Qy 541 TGGAAATATTTGACACATGTCTTGGCTACTAGTCTAAACATGCAACGAAAGTTGTCG 600  
Db 541 TGGAAATATTTGACACATGTCTTGGCTACTAGTCTAAACATGCAACGAAAGTTGTCG 600  
Qy 601 AGACAAAGTCGACATATACAAATGATCAACACGCTAGTGTGCGCGCTCTGCTCAT 660  
Db 601 AGACAAAGTCGACATATACAAATGATCAACACGCTAGTGTGCGCGCTCTGCTCAT 660  
Qy 661 GTGTCACTTGTCTCTGCTTTTCTTTTAAATTTTCAATAGTCTTTTGTATTTCTTCA 720  
Db 661 GTGTCACTTGTCTCTGCTTTTCTTTTAAATTTTCAATAGTCTTTTGTATTTCTTCA 720  
Qy 721 ATACAAATTTTGGCTGATCTTGGCAAACCTTCGATCATATCCGCAATATACGGAACA 780  
Db 721 ATACAAATTTTGGCTGATCTTGGCAAACCTTCGATCATATCCGCAATATACGGAACA 780  
Qy 781 CTGGTATCTAATTTGTGTGTTAATGTGTAATTTGAAATTTCTATTTCCGCTTAAAG 840  
Db 781 CTGGTATCTAATTTGTGTGTTAATGTGTAATTTGAAATTTCTATTTCCGCTTAAAG 840  
Qy 841 TGAATTAATGATATATGTTTAAACATTTGTAAGTAAGTATATTAATTAATTAATTT 900  
Db 841 TGAATTAATGATATATGTTTAAACATTTGTAAGTAAGTATATTAATTAATTAATTT 900  
Qy 901 AGTTGATGATTAACGTGAAGCAAAAATGAGATAGATACATTTGATTTTGTCTGATTTT 960  
Db 901 AGTTGATGATTAACGTGAAGCAAAAATGAGATAGATACATTTGATTTTGTCTGATTTT 960  
Qy 961 ACATATGCGGAGAGTGAAGCTACGCGCATGAAGATCAAGACACTTGTCTCAAGCTCAG 1020  
Db 961 ACATATGCGGAGAGTGAAGCTACGCGCATGAAGATCAAGACACTTGTCTCAAGCTCAG 1020  
Qy 1021 AGTACGTGTAAAAAGCTTAAGCTGAAGTCCCATGCAAACTATCTTACGTGCTCAA 1080  
Db 1021 AGTACGTGTAAAAAGCTTAAGCTGAAGTCCCATGCAAACTATCTTACGTGCTCAA 1080  
Qy 1081 ACCAGAGCTCACTGACAAATATATTAATCTCTCTAAGTCCGCTTCTTCAATCATCT 1140  
Db 1081 ACCAGAGCTCACTGACAAATATATTAATCTCTCTAAGTCCGCTTCTTCAATCATCT 1140  
Qy 1141 CTCACAAACAAACAAAAG 1158  
Db 1141 CTCACAAACAAACAAAAG 1158

RESULT 2  
US-09-998-059-13

Sequence 13, Application US/09998059  
Publication No. US20030005485A1

GENERAL INFORMATION:

APPLICANT: Ohlroge, John B.

APPLICANT: Bemling, Christoph

APPLICANT: Gao, Hongbo

APPLICANT: Gierke, Thomas

APPLICANT: White, Joseph A.

FILE OF INVENTION: Plant Seed Specific Promoters  
FILE REFERENCE: MSU-06689  
CURRENT APPLICATION NUMBER: US/09/998,059  
CURRENT FILING DATE: 2001-11-30  
PRIOR APPLICATION NUMBER: 60/250,401  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 60  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 13  
LENGTH: 1164  
TYPE: DNA  
ORGANISM: Arabidopsis thaliana  
US-09-998-059-13

Query Match 100.0%; Score 1158; DB 3; Length 1164;  
Best Local Similarity 100.0%; Pred. No. 5.2e-255;  
Matches 1158; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CACAACATACACTCAAAATCCAGACTCACAATCTACTCAATTAATGCAACTTCATCATGAA 60  
1 CACAACATACACTCAAAATCCAGACTCACAATCTACTCAATTAATGCAACTTCATCATGAA 60  
Qy 61 AACATCAAAAAGACTCAAAAGTAACAAAATCAAGTCAATTCAGACACAAAGCCAGTAAA 120  
Db 61 AACATCAAAAAGACTCAAAAGTAACAAAATCAAGTCAATTCAGACACAAAGCCAGTAAA 120  
Qy 121 GATGAAAATTTAAGAAAGCTCATGCTAAGCTCGGCAAAATACCTTCTTAATCAAAAACAG 180  
Db 121 GATGAAAATTTAAGAAAGCTCATGCTAAGCTCGGCAAAATACCTTCTTAATCAAAAACAG 180  
Qy 181 TAAACAGAGTAATTAAGCAAAATCCAGACAGAAAATCTCAACCACTCCGAAATTCAG 240  
Db 181 TAAACAGAGTAATTAAGCAAAATCCAGACAGAAAATCTCAACCACTCCGAAATTCAG 240  
Qy 241 TCTTCACTAAATTTTGGAAAGGAATGATCAATACCAACCATTAACAAAATACATAA 300  
Db 241 TCTTCACTAAATTTTGGAAAGGAATGATCAATACCAACCATTAACAAAATACATAA 300  
Qy 301 TCAAAATGGCGAAGATGATCTGAAAGCTTGGCTTCAAGTCGCGAGAGAGAGAAAAGGA 360  
Db 301 TCAAAATGGCGAAGATGATCTGAAAGCTTGGCTTCAAGTCGCGAGAGAGAGAAAAGGA 360  
Qy 361 AGATCGTGGAGAGAGGTTTAAAGGTTTAAAGCTCAGACTTCTAATGGAGTAAATGGAGC 420  
Db 361 AGATCGTGGAGAGAGGTTTAAAGGTTTAAAGCTCAGACTTCTAATGGAGTAAATGGAGC 420  
Qy 421 GTGTCACTATTTCCGTTTGGAAATGAACTTTGGGCTCAGCTTATGGCTTATAGATAT 480  
Db 421 GTGTCACTATTTCCGTTTGGAAATGAACTTTGGGCTCAGCTTATGGCTTATAGATAT 480  
Qy 481 TGAATGGGCTTTCTAGTAAATACAAATATAGTATTTGGGCTTAAAGTTAAAGCCCATGT 540  
Db 481 TGAATGGGCTTTCTAGTAAATACAAATATAGTATTTGGGCTTAAAGTTAAAGCCCATGT 540  
Qy 541 TGGAAATATTTGACACATGTCTTGGCTACTAGTCTAAACATGCAACGAAAGTTGTCG 600  
Db 541 TGGAAATATTTGACACATGTCTTGGCTACTAGTCTAAACATGCAACGAAAGTTGTCG 600  
Qy 601 AGACAAAGTCGACATATACAAATGATCAACACGCTAGTGTGCGCGCTCTGCTCAT 660  
Db 601 AGACAAAGTCGACATATACAAATGATCAACACGCTAGTGTGCGCGCTCTGCTCAT 660  
Qy 661 GTGTCACTTGTCTCTGCTTTTCTTTTAAATTTTCAATAGTCTTTTGTATTTCTTCA 720  
Db 661 GTGTCACTTGTCTCTGCTTTTCTTTTAAATTTTCAATAGTCTTTTGTATTTCTTCA 720  
Qy 721 ATACAAATTTTGGCTGATCTTGGCAAACCTTCGATCATATCCGCAATATACGGAACA 780  
Db 721 ATACAAATTTTGGCTGATCTTGGCAAACCTTCGATCATATCCGCAATATACGGAACA 780  
Qy 781 CTGGTATCTAATTTGTGTGTTAATGTGTAATTTGAAATTTCTATTTCCGCTTAAAG 840  
Db 781 CTGGTATCTAATTTGTGTGTTAATGTGTAATTTGAAATTTCTATTTCCGCTTAAAG 840



GENERAL INFORMATION:  
APPLICANT: KIMMERLY, WILLIAM JOHN  
TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
FILE REFERENCE: PU3480US  
CURRENT APPLICATION NUMBER: US/09/710,279  
CURRENT FILING DATE: 2000-11-09  
PRIOR APPLICATION NUMBER: 60/164,258  
PRIOR FILING DATE: 1999-11-09  
NUMBER OF SEQ ID NOS: 4472  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 1601  
LENGTH: 694  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-710-279-1601

Query Match 4.5%; Score 52; DB 3; Length 694;  
Best Local Similarity 51.8%; Pred. No. 0.002;  
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

OY 697 ATAACTCTTTGTTTATCTTCATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756  
DB 246 ATTACCTCTGTTAATTTTAAGATATATCAATTTCTAGATGGCGCTACCTATTAGA 305  
OY 757 TCATATCGCCATATATACGTGAACACTGATCTAATTTGTTGCTAATGTTAAATTT 816  
DB 306 TTTCACCGCTACTATTTTAAATGAAGTCAATTAATTCATTTTACCAATTTAAATAT 365  
OY 817 AGATCTATCTCCGCTTTAAAGAGATTTATATGATCATCATGTTAAACATTTGAATA 876  
DB 366 TGCCTATACCCACCTCTTTAAAAAGTAAATATGATATCTCGATTTTATTAATGATTA 425  
OY 877 AGATGATATAAATGATATAATTTAGTTGATGATAGCTGAAGCAAA 924  
DB 426 AGAATGATATCAAAAGATGATCAAAATCAACTGTGTGTCATCAAAA 473

RESULT 3  
US-09-710-279-3860  
Sequence 3860, Application US/09710279  
Patent No. 6703492  
GENERAL INFORMATION:  
APPLICANT: KIMMERLY, WILLIAM JOHN  
TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
FILE REFERENCE: PU3480US  
CURRENT APPLICATION NUMBER: US/09/710,279  
CURRENT FILING DATE: 2000-11-09  
PRIOR APPLICATION NUMBER: 60/164,258  
PRIOR FILING DATE: 1999-11-09  
NUMBER OF SEQ ID NOS: 4472  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3860  
LENGTH: 3028  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-710-279-3860

Query Match 4.5%; Score 52; DB 3; Length 3028;  
Best Local Similarity 51.8%; Pred. No. 0.0032;  
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

OY 697 ATAACTCTTTGTTTATCTTCATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756  
DB 2580 ATTACCTCTGTTAATTTTAAGATATATCAATTTCTAGATGGCGCTACCTATTAGA 2639  
OY 757 TCATATCGCCATATATACGTGAACACTGATCTAATTTGTTGCTAATGTTAAATTT 816

DB 2640 TTTCACCGCTACTATTTTAAATGAAAGTCAATTACCATTTTACAACAATTAATAT 2699  
OY 817 AGATCTATTTCTCCGCTTTAAAGATATATGATATCATGTTTAAACATTTGAATA 876  
DB 2700 TGCCTATACCCACCTTTTAAAGTGAATATGATATCTCGGATTTTATTAATGATTA 2759  
OY 877 AGATGATATAAATGATATAATTTAGTTGATGATTAACGTGAAGCAAA 924  
DB 2760 AGAATGATATCAAAAGATGATCAAAATCAAGTTGTGTGTCATCAAAA 2807

RESULT 4  
US-09-710-279-4227  
Sequence 4227, Application US/09710279  
Patent No. 6703492  
GENERAL INFORMATION:  
APPLICANT: KIMMERLY, WILLIAM JOHN  
TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
FILE REFERENCE: PU3480US  
CURRENT APPLICATION NUMBER: US/09/710,279  
CURRENT FILING DATE: 2000-11-09  
PRIOR APPLICATION NUMBER: 60/164,258  
PRIOR FILING DATE: 1999-11-09  
NUMBER OF SEQ ID NOS: 4472  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4227  
LENGTH: 3032  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-710-279-4227

Query Match 4.5%; Score 52; DB 3; Length 3032;  
Best Local Similarity 51.8%; Pred. No. 0.0032;  
Matches 118; Conservative 0; Mismatches 110; Indels 0; Gaps 0;

OY 697 ATAACTCTTTGTTTATCTTCATACAAATTTTGGCTGATCTTGCAAACTCTTGA 756  
DB 2689 ATTACCTCTGTTAATTTTAAAGATATATCAATTTCTAGATGGCGCTACCTATTAGA 2748  
OY 757 TCATATCGCCATATATACGTGAACACTGATCTAATTTGTTGCTAATGTTAAATTT 816  
DB 2749 TTTCACCGCTACTATTTTAAATGAAGTCAATTAATTCATTTTACAACAATTAATAT 2808  
OY 817 AGATCTATTTCTCCGCTTTAAAGTGAATATATGATATCATGTTTAAACATTTGAATA 876  
DB 2809 TGCCTATACCCACCTTTTAAAGTGAATATGATATCTCGGATTTTATTAATGATTA 2868  
OY 877 AGATGATATAAATGATATAATTTAGTTGATGATTAACGTGAAGCAAA 924  
DB 2869 AGAATGATATCAAAAGATGATCAAAATCAAGTTGTGTGTCATCAAAA 2916

RESULT 5  
US-09-710-279-759  
Sequence 759, Application US/09710279  
Patent No. 6703492  
GENERAL INFORMATION:  
APPLICANT: KIMMERLY, WILLIAM JOHN  
TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
FILE REFERENCE: PU3480US  
CURRENT APPLICATION NUMBER: US/09/710,279  
CURRENT FILING DATE: 2000-11-09  
PRIOR APPLICATION NUMBER: 60/164,258  
PRIOR FILING DATE: 1999-11-09  
NUMBER OF SEQ ID NOS: 4472  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 759  
LENGTH: 6968  
TYPE: DNA  
ORGANISM: Artificial Sequence